

6840-73-7

Proceedings
of the
Society
for
Experimental Biology and Medicine

INCLUDING THE FOLLOWING SECTIONS

CLEVELAND, O.	PACIFIC COAST
DISTRICT OF COLUMBIA	PEIPING, CHINA
ILLINOIS	ROCKY MOUNTAIN
IOWA	SOUTHERN
MINNESOTA	SOUTHERN CALIFORNIA
MISSOURI	TEXAS
NEW YORK	WESTERN NEW YORK
	WISCONSIN

October-December, 1945 (INCLUSIVE)

VOLUME 60

NEW YORK

CONTENTS

SCIENTIFIC PROCEEDINGS, VOLUME 60

Three hundred and twenty-eighth issue, October, 1945.....	1
Three hundred twenty-ninth issue, November, 1945.....	173
Three hundred thirtieth issue, December, 1945.....	307
<hr/>	
Authors' Index (Volume 60)	399
Subject Index (Volume 60)	403

Press of
THOMAS J. GRIFFITHS SONS, INC.
Utica, N. Y.

INDEX

Preliminary articles are indicated by the letter P after the number of the article. All others are non-preliminary, i. e., complete.

ACKERMAN, H., 168.		
ALLISON, J. B., 14.		
ANDERSON, M.	Tolerance Curve of Vitamin C.....	12
BACH, L. MATTHEW N.	Studies on Antidromic Vasodilatation. II. Synaptic Connections in the Dorsal Root Ganglion	129
BAHN, J. M., 168.		
BANERJEE, S., and ELVEHJEM, C. A.	Effect of Feeding Glucoascorbic Acid to White Rats, Chicks, and Guinea Pigs.....	4
BARNES, V. R., 118.		
BEARD, D., 152.		
BEARD, J. W., 152.		
BLAIR, H. A., 64.		
BLOOMFIELD, R. A., 73.		
BLOOMFIELD, RICHARD A.	Simultaneous Registration of Intrathoracic, Right Intracardiac, and Systemic Pressures in Man.....	75
BOE, J.	Complement Fixation Antigen in <i>Entameba histolytica</i> Infection	31
BONDI, A., JR., DIETZ, C. C.	Penicillin Resistant Staphylococci.....	55
BREWSTER, L., 33.		
BRONSTEIN, LEWIS H., and REID, ROGER D.	The Cephalin-Cholesterol Flocculation Test in Malaria	140
CANTAROW, A., 148.		
CAREY, EBEN J., MASSOPUST, LEO C., HAUSHALTER, EUGENE, and ZEIT, WALTER	Exaggerated Discharge of Neurosomes into Spastic Muscle by Heat Reflex.....	121
CARPENTER, C. M., BAHN, J. M., ACKER- MAN, H., and STOKINGER, H. E.	Adaptability of Gonococcus to Four Bacterio- static Agents, Sodium Sulfathiazole, Rivanol Lactate, Promin, and Penicillin.....	168
CASALS, J., 48.		
CHOW, B. F., ALLISON, J. B., COLE, W. H., and SEELEY, R. D.	Effect of Protein Depletion on Plasma Pro- teins in the Dog Measured by Electrophoretic Analysis	14
CHU, W. C., FIESE, M. J., COLLEN, M. F., and CUTTING, W. C.	Absorption of Penicillin from the Nose and Alimentary Canal.....	159
COLE, W. H., 14.		
COLLEN, M. F., 159.		
COURNAND, A., BLOOMFIELD, R. A., and LAUSON, H. D.	Double Lumen Catheter for Intravenous and Intracardiac Blood Sampling and Pressure Recording	73
COX, ALVIN, J., JR., and BARNES, VIR- GINIA R.	Experimental Hyperplasia of the Stomach Mu- cosa	118
CRESS, CHARLES H., JR., and GREENBLATT, MILTON	Absence of Alteration in the E.E.G. with Stil- besterol and Progesterone.....	139
CUTTING, W. C., 159.		
DAM, H., 146.		
DIETZ, C. C., 55.		
DOCHEZ, A. R., 141.		
DOLJANSKI, L., and GOLDHABER, G.	Effect of Embryo Extract on Growth of Fibro- blasts Previously Irradiated with X-rays.....	132
ELVEHJEM, C. A., 4.		
ENGEL, F. L., 20.		
ENGEL, M. G., 20.		
FENNING, CON, 26.		
FIELD, JOHN B., and DAM, HENRIK.	Effect of Vitamin K Deficiency on Liver Lipids in the Chick.....	146

FIESE, M. J.,	159.		
FIGGE, FRANK H. J., and WOLFE, GERALDINE.		The Use of Beta Beta' Dithiocyanato Diethyl Ether (RID-O) to Control Mite Infestations in Mice.....	136
FOLCH, J.,	33.		
FOLEY, E. J.,	133.		
GELLHORN, E.,	98.		
GIBSON, O.,	127.		
GOLDHABER, G.,	132.		
GOTH, A.,	163.		
GOTS, J. W.			
GRAESSLE, O. E.,	68.		
GREENBLATT, M.,	139.		
GROLLMAN, A., and HARRISON, T. R.			
HALBERT, S. P., MUDD, S., and SMOLENS, J.			
HAMMON, W. McD. and REEVES, W. C.			
HAMOLSKY, M., and SPARROW, R. C.			
HARRISON, T. R.,	52.		
HAUSHALTER, E.,	121.		
HAVENS, W. P., JR., and WARD, ROBERT.			
HOLLENDER, A. J.,	88, 94.		
JANN, G. J.,	60.		
KOPROWSKI, H.,	110.		
LAUSON, H. D.,	73.		
LEE, S. W., and FOLEY, E. J.			
LENNETTE, EDWIN H., and KOPROWSKI, HILARY.			
LONG, C. N. H.,	20.		
MCLEAN, I. W., JR., BEARD, DOROTHY, TAYLOR, A. R., SHARP, D. G., and BEARD, J. W.			
MASSOPUST, L. C.,	121.		
MILLS, KATHERINE C., and DOCHEZ, A. R.			
MIQUEL, OVIDIO, and RIKER, WALTER F., JR.			
MIRSKY, I. ARTHUR.			
MOLLOY, E.,	23.		
MOTT, C. R., and FENNING, C.			
MUDD, STUART,	17.		
MURRAY, E. S., ZARAFONETIS, C. J. D., and SNYDER, J. C.			
OLITSKY, P. K., and CASALS, J.			
O'NEILL, E.,	23.		
		Production of Extracellular Penicillin-Inactivating Substance Associated with Penicillin Resistance in <i>Staphylococcus aureus</i>	165
		Effect of Rigid Sodium Restriction on Blood Pressure and Survival of Hypertensive Rats	52
		Antigenicity of <i>Shigella paradyenteriae</i> (Flexner) in Saline-in-Mineral-Oil Emulsion.....	17
		Bacteriostatic Agents Added to Sera Used in Diagnostic Tests for Neurotropic Virus Infections	84
		Influence of Relaxin on Mammary Development in Sexually Immature Female Rats.....	8
		Failure to Transmit Infectious Hepatitis to Chimpanzees	102
		Effect of Temperature on the Action of Penicillin <i>in vitro</i>	133
		Serologic Distinctness of Eastern, Western, and Venezuelan Equine Encephalomyelitis Viruses	110
		Antibody Response of Swine to Repeated Vaccination with Formalin-Inactivated Purified Swine Influenza Virus.....	152
		Further Observations on Red Cell Agglutinating Agent Present in Lungs of Virus-Infected Mice.....	141
		Effect of Digitalis on Cholinesterase.....	120
		Artificial Induction of Subcutaneous Nodules in Rheumatic Fever.....	143
		Effects of Temperature on Excised Frog Heart	26
		Further Report on Effect of Para-aminobenzoic Acid in Experimental Tsutsugamushi Disease (Scrub Typhus).....	80
		Certain Affections of the Liver That Arise Spontaneously in So-called Normal Stock Albino Mice.....	48

INDEX

iii

PARKER, RAYMOND C., and HOLLENDER, AUGUSTA J.	Propagation of Theiler's GD-VII Mouse Virus in Tissue Culture.....	88
PARKER, RAYMOND C., and HOLLENDER, AUGUSTA J.	Propagation of Rabies Virus in Tissue Culture	94
PASCHKIS, K. E., CANTAROW, A., and TILL- SON, E. K.	Inhibition of Cytochrome (Paraphenylendi- amine Oxidase) of the Thyroid Gland by Thiouracil and Other Compounds.....	148
PERLMAN, E., and WEIL, A. J.	Relationship Between Precipitative and Pro- tective Antibodies of Type III <i>Shigella para- dysenteriae</i> (Flexner) Immune Serum.....	58
REEVES, W. C., 84.		
REID, R. D., 140.		
RHYMER, I., 127.		
RIKER, W. F., JR., 120.		
ROBINSON, H. J., 68.		
ROCKWELL, P., 40.		
ROEPKE, R. R., 1.		
ROSE, H. M., MOLLOY, E., and O'NEILL, E.		
RUSKIN, A., and ROCKWELL, P.	Effect of Penicillin on Bacterial Contamination of Eggs and Tissue Cultures Inoculated with Unfiltered Sputums.....	23
SAFFORD, HELEN, and GELLHORN, ERNST.	Influence of Dosage and Volume on Circulation Time	40
SALLE, A. J., and JANN, G. J.	Age and Autonomic Balance.....	98
SAYERS, GEORGE, 20.	Subtilin—An Antibiotic Produced by <i>Bacillus subtilis</i> . Action on Various Organisms.....	60
SAYERS, GEORGE, and SAYERS, MARIAN A.	Regulatory Effect of Adrenal Cortical Extract on Elaboration of Pituitary Adrenotropic Hormone	162
SAYERS, M. A., SAYERS, G., ENGEL, M. G., ENGEL, F. L., and LONG, C. N. H.	Elevation of Plasma Amino Nitrogen as an Index of the Gravity of Hemorrhagic Shock	20
SAYERS, M. A., 162.		
SEELEY, R. D., 14.		
SEGALOFF, ALBERT.	Intrasplenic Implantation of Multiple Pellets of Estrogenic Steroids.....	108
SHARP, D. G., 152.		
SHATTUCK, M., 127.		
SMOLENS, JOSEPH, 17.		
SNYDER, J. C., 80.	Effects of Para-aminobenzoic Acid in Experi- mental Tsutsugamushi Disease (Scrub Typhus)	115
SNYDER, J. C., and ZARAFONETIS, C. J. C.	Observations on Antigenicity of Viridans Streptococci Isolated from the Air.....	30
SOLOWEY, M.		
SPARROW, R. C., 8.	A Characteristic of Human Temperature Reg- ulation	11
SPEALMAN, C. R.	Horizontal Intraarticular Organization in the Cerebral Control of Limb Movement.....	78
SPERRY, R. W.	Studies on Absorption and Excretion of Strep- tomyein in Animals.....	68
STEBBINS, R. B., GRAESSLE, O. E., and ROBINSON, H. J.	Heteroplastic Lens Grafts Related to Factors Inhibiting Lens Regeneration in Triturus....	10
STOKINGER, H. E., 168.	Combined Anesthesia and Hyperimmune Serum Therapy in Treatment of Experimental Western Equine Encephalomyelitis.....	163
STONE, L. S.		
SULKIN, S. E., ZARAFONETIS, C., and GOTH, A.	Effect of Glucose Injections on Fasting Keto- nemia After Low Protein Diets.....	101
TAYLOR, A. R., 152.		
TIDWELL, HERBERT C., and TREADWELL, C. R.		

INDEX

TILLSON, E. K.,	148.
TREADWELL, C. R.,	101.
VISSCHER, M. B., and ROEPKE, R. R.	
WALLACE, G. I., RHYMER, IONE, GIBSON, OPAL, and SHATTUCK, MILDRED.	Influence of Induced Changes in Blood Plasma Osmotic Activity on Intestinal Absorption..
WARD, R.,	102.
WEED, A. M., and BLAIR, H. A.	Studies on Mode of Action of Streptomycin. I. Effect of Culture Media.....
WEIL, A. J.,	58.
WENNER, HERBERT A.	Action of Atropine on Turtle Heart.....
WILEY, M. M.,	106.
WOLFE, G. F.,	136.
WOLTZ, JOHN H. E., and WILEY, MAR- JORIE M.	Effect of H Ion Concentration on Eluting Poliomyelitis Virus from Cotton Fiber.....
ZAMECNIK, P. C., FOLCH, J., and BREWSTER, L.	Transmission of Streptomycin from Maternal Blood to the Fetal Circulation and the Am- niotic Fluid.....
ZARAFONETIS, C. J. D.,	80, 115.
ZARAFONETIS, C.,	163.
ZECKWER, I. T.	Protection of Animals Against <i>Cl. welchii</i> (Type A) Toxin by Injection of Certain Purified Lipids.....
ZEIT, W.,	121.
	Response to Tissue Injury of Lymphoid Tissue Previously Altered by Castration, Thyroidec- tomy, and Thyroid Feeding.....